

Amendments to the Claims

1. (previously presented) A variable speed electrical motor capable of operating at one of a plurality of discrete operating speeds, wherein the electrical circuitry for each speed includes both a start winding for only that speed and a start capacitor for only that speed and wherein the start capacitor for only that speed is selected to minimize amperage spikes when switching speeds.

2. (previously presented) An electrical motor combination comprising:

(a) a variable speed electrical motor capable of operating at one of a plurality of discrete operating speeds, wherein the electrical circuitry for each speed includes both a start winding for only that speed and a start capacitor for only that speed and wherein the start capacitor for only that speed is selected to minimize amperage spikes when switching speeds; and

(b) a switch for varying the speed of the motor, wherein the switch is disposed external of the motor housing.

3. (original) The electrical motor combination of claim 2 wherein the switch is disposed within a separate switch box.

4. (original) The electrical motor combination of claim 1 wherein the combination is disposed within a water recreational combination, the water recreational combination comprising:

(a) a water basin capable of retaining a human being partially submerged below a quantity of water;

(b) a water pump having a suction side and a discharged side; and

(c) water circulation conduits connecting the water basin to the suction side of the pump and connecting the discharge side of the pump to the water basin;
wherein the electrical motor drives the water pump.

5. (canceled)

6. (canceled)

7. (new) A variable speed electrical motor capable of operating at one of a plurality of discrete operating speeds;
wherein the electrical circuitry for each speed includes both a start winding for only that speed and a start capacitor for only that speed; and
wherein the electrical circuitry is configured to eliminate large amperage spikes when switching the electrical motor from a lower speed to a higher speed.

8. (new) An electrical motor combination comprising:

(a) a variable speed electrical motor capable of operating at one of a plurality of discrete operating speeds;
wherein the electrical circuitry for each speed includes both a start winding for only that speed and a start capacitor for only that speed; and
wherein the electrical circuitry is configured to eliminate large amperage spikes when switching the electrical motor from a lower speed to a higher speed; and

(b) a switch for varying the speed of the motor,
wherein the switch is disposed external of the motor housing.

9. (new) The electrical motor combination of claim 8 wherein the switch is disposed within a separate switch box.

10. (new) The electrical motor combination of claim 8 wherein the combination is disposed within a water recreational combination, the water recreational combination comprising:

(a) a water basin capable of retaining a human being partially submerged below a quantity of water;

(b) a water pump having a suction side and a discharged side; and

(c) water circulation conduits connecting the water basin to the suction side of the pump and connecting the discharge side of the pump to the water basin;

wherein the electrical motor drives the water pump.